

FIG. 1A

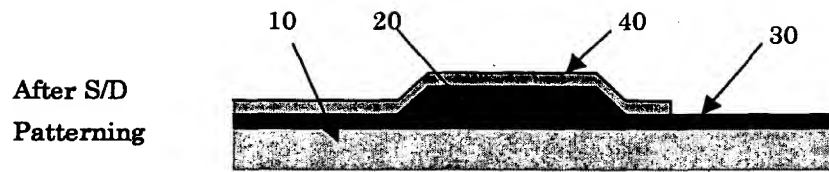


FIG. 1B

Coating
process

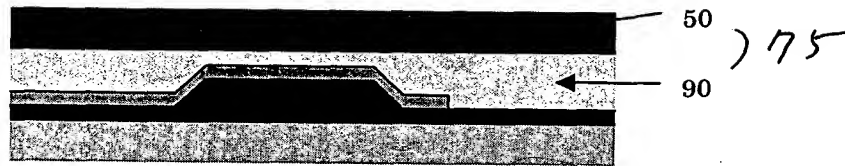


FIG. 1C

Photo
process

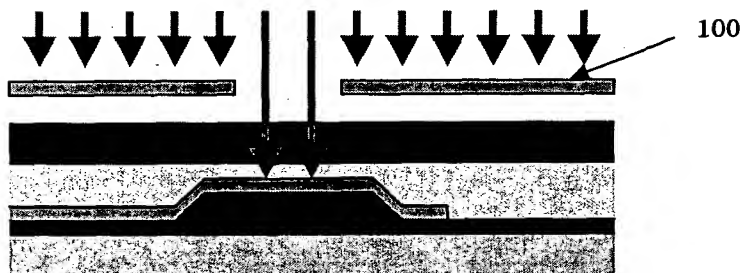


FIG. 1D

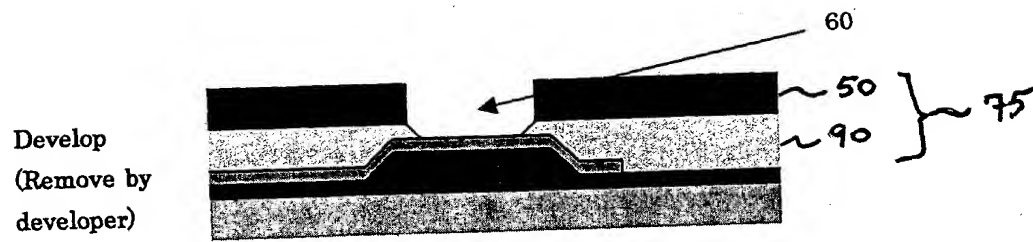
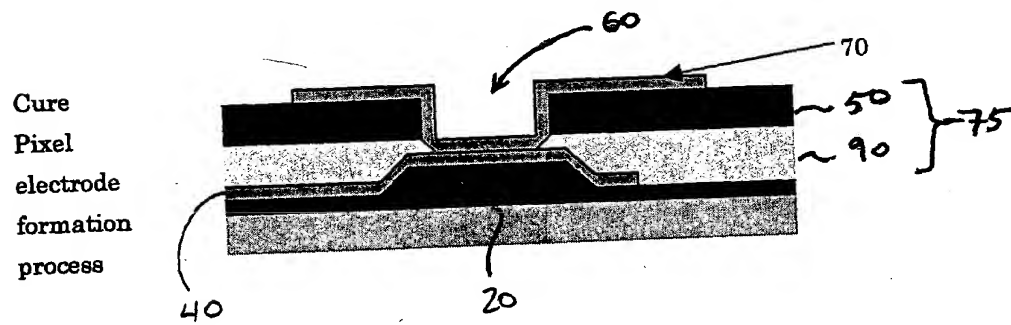


FIG. 1E



The graph illustrates the relationship between the thickness ratio of Resin1 and the converted dielectric constant. The x-axis represents the 'Thickness ratio of Resin1' from 0% to 100%. The y-axis represents the 'Converted dielectric constant' from 1.50 to 4.50. Three data series are plotted: 'Converted dielectric constant' (diamonds), 'Resin1 (Dry)' (squares), and 'Resin2 (Photo)' (triangles). The 'Converted dielectric constant' series shows a decreasing trend as the thickness ratio increases. The 'Resin1 (Dry)' series is a constant horizontal line. The 'Resin2 (Photo)' series is a constant horizontal line at a higher value than Resin1 (Dry).

Thickness ratio of Resin1 (%)	Converted dielectric constant	Resin1 (Dry)	Resin2 (Photo)
0%	3.80	2.35	3.80
5%	3.70	2.35	3.80
10%	3.55	2.35	3.80
15%	3.45	2.35	3.80
20%	3.35	2.35	3.80
25%	3.25	2.35	3.80
30%	3.15	2.35	3.80
35%	3.05	2.35	3.80
40%	3.00	2.35	3.80
45%	2.95	2.35	3.80
50%	2.85	2.35	3.80
55%	2.80	2.35	3.80
60%	2.75	2.35	3.80
65%	2.65	2.35	3.80
70%	2.60	2.35	3.80
75%	2.55	2.35	3.80
80%	2.50	2.35	3.80
85%	2.45	2.35	3.80
90%	2.40	2.35	3.80
95%	2.35	2.35	3.80
100%	2.35	2.35	3.80

FIG. 2 **Converted dielectric constant vs thickness ratio**